

Amendments to the claims:

IN THE CLAIMS

Please amend the claims as follows:

1. (Original) A repository adapter for facilitating the collaborative authoring by a plurality of clients of documents for storage in a repository, said repository adapter comprising:
a controller for processing and responding to client requests for authoring said documents, said processing being performed in a transactional manner; and
wherein said repository adapter adapted to communicate with said clients, to receive client requests and to send client responses to said requests; and
wherein said repository adapter adapted to communicate with said repository, to send repository requests for authoring said documents and to receive repository responses to said requests for processing said client requests.
2. (Original) The repository adapter of claim 1 wherein said documents define a document model and wherein said controller adapted to maintain a repository adapter document model subset from documents processed in accordance with said client requests.
3. (Original) The repository adapter of claim 2 wherein said controller adapted to asynchronously communicate a document model update for updating a respective client document model subset maintained by each of the plurality of clients.
4. (Original) The repository adapter of claim 2 wherein the client requests comprise serialized updates to the repository adapter document model to affect changes to selected documents for storage to the repository.
5. (Original) The repository adapter of claim 4 wherein said controller adapted to lock said selected documents stored in said repository.
6. (Original) The repository adapter of claim 4 wherein said controller adapted to process said serialized updates using a working copy of said selected documents in response to a success of the lock of said selected documents.

7. (Original) The repository adapter of claim 6 wherein said controller adapted to store to said repository said selected documents following the success of the processing of said serialized updates.
8. (Original) The repository adapter of claim 7 wherein said controller adapted to communicate to the client having sent the serialized updates a client response indicative of a success of the client request, said success defined by the success of the locking, processing and storing of the affected selected documents.
9. (Original) The repository adapter of claim 1 wherein said controller adapted to communicate to the client having sent the serialized update a client response indicative of a success of the client request.
10. (Original) The repository adapter of claim 1 wherein said controller, responsive to a client request for a document stored in said repository, sends said requested document having requested the document from the repository.
11. (Currently amended) The repository adapter of ~~any one of claims~~ claim 1 to 10 wherein the repository is a WebDAV repository.
12. (Original) A repository adapter client for facilitating the collaborative authoring by a plurality of clients of documents for storage in a repository, said repository adapter client comprising:
 - a controller for creating client requests for authoring said documents;
 - wherein said repository adapter client adapted to communicate said client requests to a repository adapter for processing said client requests in a transactional manner and, selectively, in communication with said repository and to receive client responses to said requests.
13. (Original) The repository adapter client of claim 11 wherein said documents define a document model and wherein said controller adapted to maintain a client document model subset from documents processed in accordance with said client requests.
14. (Original) The repository adapter client of claim 12 wherein said controller adapted to asynchronously receive a document model update identifying changes for updating the client document model subset.

15. (Original) The repository adapter client of claim 12 wherein the client requests each comprise serialized updates to the client document model to affect changes to selected documents for storage to the repository.
16. (Currently amended) The repository adapter client of ~~any one of claims~~ claim 12 ~~to 15~~ wherein the repository adapter client adapts an integrated development environment (IDE) for collaboratively authoring said documents in communication with said repository adapter.
17. (Currently amended) The repository adapter client of ~~any one of claims~~ claim 12 ~~to 16~~ wherein the repository is a WebDAV repository.
18. (Original) A method for collaboratively authoring documents for storage to a document repository comprising steps of:
- maintaining a document model subset defined by at least a subset of the documents stored to the repository;
 - receiving from a client a client request for collaboratively authoring said documents;
 - processing the client request in a transactional manner and, selectively, in communication with the repository; and
 - sending a notification message to the client in response to a success of the processing of the client request.
19. (Original) The method of claim 18 comprising sending asynchronously a document model update message to each of a plurality of clients for updating a client document model subset respectively maintained by said clients upon a successful processing of the client request.
20. (Original) The method of claim 18 wherein the step of processing the client request further comprises steps of:
- analysing the client request in order to identify the need to obtain a document from the repository;
 - acquiring the document specified by the client request from the repository; and
 - sending the requested document to the client.

21. (Original) The method of claim 18 wherein the client request comprises serialized updates to the document model subset to affect changes to selected documents for storage to the repository.
22. (Original) The method of claim 18 wherein the step of processing comprises storing to said repository said selected documents to which the updates are affected only if all of said updates are affected successfully.
23. (Original) The method of claim 18 including the step of locking said selected documents in said repository until the success of all updates to the selected documents can be determined.
24. (Original) A method for collaboratively authoring documents for storage to a document repository comprising steps of:
- maintaining a document model subset defined by at least a subset of the documents stored to the repository;
 - sending to a repository adapter a client request for collaboratively authoring said documents, said repository adapter adapted for processing the request message in a transactional manner and, selectively, in communication with the repository; and
 - receiving a notification message from the repository adapter in response to a success of the processing of the client request.
25. (Original) The method of claim 24 wherein the repository adapter is configured to send asynchronously a document model update message to each of a plurality of clients for updating a client document model subset respectively maintained by said clients, said update being sent in response to a success of the processing of a client request.
26. (Original) The method of claim 18 wherein the client request comprises serialized updates to a document model subset maintained by the repository adapter to affect changes to selected documents for storage to the repository.
27. (Original) An integrated development environment (IDE) for collaboratively authoring documents for storage to a repository comprising:
- a graphical user interface for facilitating the authoring of a document model subset defined by at least a subset of documents stored to said repository;

a mechanism for serializing updates to the document model subset in response to said authoring; and

a communications interface to send client requests comprising said serialized updates to a repository adapter adapted for processing client request messages in a transactional manner and, selectively, in communication with the repository.

28. (Original) The IDE of claim 27 wherein the communication interface is adapted to receive asynchronously a document model update message for updating the document model subset by the IDE.

29. (Original) The IDE of claim 28 wherein said update message is sent by said repository adapter to each of a plurality of clients in response to a success of the processing of a client request that updates a document for storing to the repository.

30. (Original) A method of adapting a WebDAV repository to asynchronously notify a plurality of clients of a change to at least one document stored to the WebDAV repository comprising:

maintaining a document model subset defined by at least a subset of documents stored to the WebDAV repository;

receiving from a client a client request for collaboratively authoring at least one of said documents;

processing the client request in communication with the WebDAV repository; and

sending asynchronously a document model update message to the plurality of clients to notify the clients of the change to the at least one of said documents.

31. The method of claim 30 wherein the step of processing is adapted to process the client request in a transactional manner.